


03-12-01

PTO/SB/05 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Please type a plus sign (+) inside this box  Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	32129-1005
First Inventor	John H. Santhoff et al.
Title	ENCODING AND DECODING ULTRA-WIDEBAND INFORMATION
Express Mail Label No.	EL 591 768 258 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 26 ]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 10 ]
  - ☒ Formal
5. Oath or Declaration [Total Pages      ]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 17 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☒ Other: Certificate of Express Mailing  
Req. & Cert. Under 35 USC.122(b)

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_

Prior application information:

Examiner: \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name	Mitchell P. Brook				
Address	Baker & McKenzie				
	101 Broadway, Twelfth Floor				
City	San Diego	State	California	Zip Code	92101
Country	USA	Telephone	619 236-1441	Fax	619 236-0429

Name (Print/Type)	Mitchell P. Brook	Registration No. (Attorney/Agent)	32,967
Signature			Date 3/9/2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ ) 395.00

## Complete if Known

Application Number	To be assigned
Filing Date	Filed herewith
First Named Inventor	John H. SANTHOFF et al.
Examiner Name	To be assigned
Group Art Unit	To be assigned
Attorney Docket No.	39129-1005

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **02-0410**  
Deposit Account Name **Baker & McKenzie**

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☒ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee Code	Fee Description	Fee Paid
101	201	355		Utility filing fee	355.00
106	206	160		Design filing fee	
107	207	245		Plant filing fee	
108	208	355		Reissue filing fee	
114	214	75		Provisional filing fee	

SUBTOTAL (1) (\$ ) 355.00

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
10	-20** = 0	9	0
Independent Claims	4 - 3** = 1	40	40.00
Multiple Dependent			

Large Entity	Small Entity	Fee Code	Fee Code	Fee Description
103	203	9		Claims in excess of 20
102	202	40		Independent claims in excess of 3
104	204	135		Multiple dependent claim, if not paid
109	209	40		** Reissue independent claims over original patent
110	210	9		** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 40.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

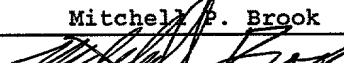
Large Entity	Small Entity	Fee Code	Fee Code	Fee Description	Fee Paid
105	205	65		Surcharge - late filing fee or oath	
127	227	25		Surcharge - late provisional filing fee or cover sheet	
139	139	130		Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ )

## SUBMITTED BY

Name (Print/Type)	Mitchell P. Brook	Registration No. (Attorney/Agent)	32,967	Telephone	(619) 236-1441
Signature		Date	3/9/2001		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

03/09/01  
Jc867 U.S. PTO

03-12-01

PATENT  
Docket No.: 32129-1005  
Express Mail No. EL 591 768 258US

A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	Art Unit: To be assigned
John H. SANTHOFF et al.	)	
	)	Examiner: To be assigned
Serial No.: To be assigned	)	
	)	
Filed: March 9, 2001	)	
	)	
For: ENCODING AND DECODING ULTRA-	)	
WIDEBAND INFORMATION	)	

San Diego, California 92101  
March 9, 2001

BOX PATENT APPLICATION  
Commissioner For Patents  
Washington, D.C. 20231

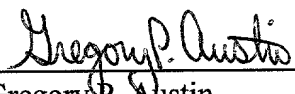
CERTIFICATE OF EXPRESS MAILING

Dear Sir:

"Express Mail" mailing label No. EL 591 768 258 US

Date of Deposit: March 9, 2001

I hereby certify that a Utility Patent Application Transmittal, Fee Transmittal (in duplicate), check in the amount of \$395.00, Patent Application including the Specification, Abstract, and Claims (26 pages), Formal Drawings (FIGS. 1-10 on 10 pages), Request and Certification Under 35 U.S.C. §122(b)(2)(B)(i) and return postcard are being deposited with the U.S. Postal Service "Express Mail Post Office to the Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to Box Patent Application, Commissioner for Patents, Washington, D.C. 20231.

  
\_\_\_\_\_  
Gregory P. Austin

03/09/01  
Jc867 U.S. PTO

**REQUEST AND CERTIFICATION  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

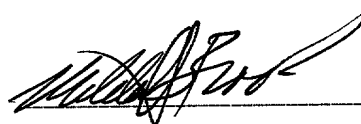
First Named Inventor John H. SANTHOFF et al.

Title ENCODING AND DECODING ULTRA-WIDEBAND  
INFORMATION

Atty Docket Number 32129-1005

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

3/9/2001  
Date



Signature

Mitchell P. Brook

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**